

NEW APPLICATION TRANSMITTAL16563 U.S. PTO
03/07/03

Transmitted herewith for filing is the patent application of:

Inventor(s): Marin Soljacic, Mordechai Segev, Chiyan Luo, John D. Joannopoulos

For (title): USING OPTICAL SOLITONS TO INCREASE FIGURE-OF-MERIT OF
LASER BEAM DEFLECTION DEVICES22241 U.S. PTO
10/630455
07/30/031. **Type of Application**

Utility
 Design

2. **Small Entity**

Yes
 No

3. **Benefit of Prior U.S. Application(s) Under 35 U.S.C. §120**

This application is a:

Divisional
 Continuation
 Continuing Patent Application (CPA) under 37 C.F.R. §1.53(d)
 Continuation-in-part (CIP),

and hereby claims benefit under 35 U.S.C. §120 to the following applications:

SERIAL NUMBER	FILING DATE

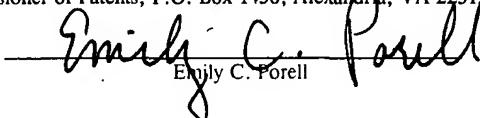
4. **Benefit of Non-U.S. Application Under 35 U.S.C. §119(a)-(d)**

This application claims priority under 35 U.S.C. §119(a)-(d) to the following foreign application(s) and/or inventor certificate(s):

COUNTRY	APPLN. NUMBER	FILING DATE
None		

Certified copy(ies) of the application(s) and/or inventor certificate's from which priority is claimed:

is(are) attached;
 will follow.

CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. §1.10I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on July 30, 2002 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV303918002US addressed to the: Mail Stop Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Emily C. Porell

5. Benefit of Provisional Application Under 35 U.S.C. §119(e)

This application claims priority to the following provisional application(s):

SERIAL NUMBER	FILING DATE
60/399,724	07/30/2002

6. Papers Enclosed Which Are Required For Filing Date Under 37 C.F.R. §1.53

17 Pages of Specification, including cover sheet, claims, and abstract
3 Sheets of Drawing

22241 U.S. PTO
10/630455
07/30/03


7. Additional Papers Enclosed

Declaration and Power of Attorney
 Preliminary Amendment
 Information Disclosure Statement (37 CFR 1.98), Form PTO-1449 and a copy of each cited reference
 Assignment and Form PTO-1595
 Declaration of Biological Deposit
 Submission of "Sequence Listing" computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequences.
 Other _____

8. Application Filing Fee Calculation

A. Utility Application

FEE CALCULATION:

Total Claims: 14 - 20 = 0 × \$18 = \$

Independent Claims: 2 - 3 = 0 × \$84 = \$

Basic Fee:\$750.00

Multiple-Dependent-Claim Fee :\$

Total of the Above Calculations: \$750.00

Amendment canceling extra claims enclosed.
 Amendment deleting multiple dependencies enclosed.
 Fee for extra claims is not being paid at this time.

B. Design application - \$320 \$

Application Filing Fee Sub-Total \$

C. Less 50% reduction for small entity..... \$375.00

D. Non-English Specification - \$130..... \$

TOTAL FILING FEE \$ 375.00

9. **Payment**

Enclosed

Check in the amount of the Total Filing Fee set forth above.

Charge Account No. 19-0079 in the amount of Total Filing Fee set forth above. A duplicate of this transmittal is attached.

Not Enclosed

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§1.16 and 1.17 that may be required by this paper or any paper filed in connection with this Patent Application, or refund any overpayment to our Deposit Order Account No. 19-0079.

Respectfully submitted,

Peter Stark Reg. No. 47,259
Matthew E. Connors
for
Reg. No. 33,298
Samuels, Gauthier & Stevens LLP
225 Franklin Street, Suite 3300
Boston, MA. 02110
(617) 426-9180, Ext. 112